



Public Meeting Invitation

**Wednesday,
February 21st
7:00 - 9:00 PM**

Port Jervis Public Library
138 Pike Street
Port Jervis, NY 12771
845-856-7313

The New York State Departments of Environmental Conservation and Health (NYSDEC and NYSDOH) will discuss the proposed remedy for the O&R Port Jervis MGP Site. At the meeting, representatives from the NYSDEC and NYSDOH will:

- Describe results of the site investigations;
- Explain the proposed remedy;
- Answer your questions about the remedy;
- Receive your verbal or written comments about the proposal.

PUBLIC COMMENT PERIOD

From: January 31, 2007
To: March 2, 2007

FACT SHEET

January 2007

O&R Port Jervis MGP SITE
SITE No. 336049
16 Pike Street
Port Jervis, New York 12771

Remedy Proposed for the O&R Port Jervis MGP Site

Public Meeting, Comment Period Announced

The New York State Department of Environmental Conservation (NYSDEC), working cooperatively with the New York State Department of Health (NYSDOH), has proposed a remedy designed to address contamination identified at the Orange & Rockland Utilities, Inc. (O&R) Manufactured Gas Plant (MGP) Site in Port Jervis, New York (*see location map on page 4*).

The Proposed Action: Highlights of the proposed remedy include excavation and off-site disposal of contaminated soil and structures associated with the former MGP, installation of non-aqueous phase liquid (NAPL) recovery wells, installation of groundwater treatment wells and further evaluation of soil vapor and indoor air quality. A Site Management Plan will be implemented and an environmental easement placed on the property to ensure the effectiveness of the proposed remedy. This proposal is described in the site's Proposed Remedial Action Plan (PRAP). The PRAP was developed following a detailed investigation of the site. The PRAP evaluates different options to clean up the site and presents the alternative preferred by the NYSDEC and NYSDOH.

See pages 2 and 3 of this fact sheet for a summary of the PRAP, site background, and summary of the site investigation. The full PRAP is available for your review at the document repositories listed on page 3.

Your Opportunities to Comment on the Proposed Remedy: Release of the PRAP begins a process to finalize selection of the remedy for the site. Your comment and input about the proposed remedy are important and encouraged.

Your oral and written comments about the PRAP are welcome at the **public meeting** (see sidebar) and during a **public comment period** which runs until March 2, 2007. Written comments also may be mailed until the end of the comment period to:

Joshua Cook
NYSDEC, Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7014

What Happens Next: All comments received during the public comment period will be considered as the remedy for the O&R Port Jervis MGP site is finalized. Public input will be factored into the Record of Decision (ROD) which will describe the remedy selected and why it was chosen. NYSDEC will respond to comments in a responsiveness summary included in the ROD.

Site History

From the mid-1800s to approximately 1959 a manufactured gas plant operated at the O & R Port Jervis MGP Site. The site contained several structures associated with the MGP, many of which were changed, expanded and/or abandoned over the plant's lifetime. The plant ceased regular operations in 1938, but may have continued operating in some capacity for some time thereafter. The site was later converted into an operations facility for O&R. It currently is used for storage of equipment and contains an operations and customer service center, a natural gas regulator station and a communications building.

Site Investigation

Investigation of the site began in 1998 with a Site Characterization, which confirmed the site of the former MGP and found that the site was contaminated with MGP wastes. A Remedial Investigation (RI) was conducted between September 2000 and October 2005 and a Supplemental Investigation was conducted in June and July 2006. Investigative activities conducted included excavation of test pits and installation of soil borings to assess subsurface soil quality, installation of monitoring wells to assess groundwater flow and quality, the collection of several surface soil samples, and an assessment of the possibility for indoor air contamination at buildings in and around the site due to soil vapor intrusion.

The investigation found several source areas of contamination at the site and found that contamination, in the form of NAPL and contaminated groundwater, is migrating off-site to the south-southeast. Contaminated groundwater extends to the Delaware River. No significant site-related impacts to indoor air quality were conclusively found during the RI. However, further evaluation of certain buildings will be conducted to confirm those results.

Details of the investigation can be found in the "Remedial Investigation Report - Phase II for the Port Jervis Manufactured Gas Plant Site" which can be found at the repositories listed at the end of this fact sheet.

Summary of Proposed Remedial Action

The O&R Port Jervis MGP is located at 16 Pike Street in the City of Port Jervis, Orange County. The site covers approximately 1.2 acres located in an urban setting and is currently used by O&R as an operations facility and for equipment storage, utility service, and customer service. A vacant apartment building is also located on-site. The PRAP identifies the remedy preferred by the NYSDEC and NYSDOH to remediate the on-site and off-site soil and groundwater and to address any potential exposures to contaminated environmental media. The main contaminants of concern are polycyclic aromatic hydrocarbons (PAHs) and volatile organic compounds (VOCs) associated with MGP wastes. The proposed alternative was chosen following a detailed investigation of the site and evaluation of alternatives for remediating the contamination.

The main elements of the proposed remedy include:

- demolition and excavation for off-site disposal of former MGP structures and other "hot spots";
- placing a cover system at the site to prevent exposure to contaminated surface and subsurface soils and excavation of a small area of identified surface soil contamination;
- installation of NAPL collection wells to remove NAPL from the subsurface;
- installation of groundwater treatment wells downgradient of the site to treat the dissolved phase groundwater plume heading towards the Delaware River;
- additional sampling to evaluate the potential for soil vapor intrusion;
- development of a site management plan and imposition of institutional controls to ensure the effectiveness of the proposed remedy;
- periodic certification that the institutional controls and engineering controls are still in place and effective.

Costs and Funding for the Site Remedy

The total present worth to construct and implement the proposed remedy is estimated at \$ 5,400,000. The costs of the cleanup will be paid by Orange and Rockland Utilities, Inc. Following remediation it is planned for O&R to continue using the property as the site of their operations center.

Health Issues

Groundwater and subsurface soils beneath the site are contaminated with PAHs and BTEX (benzene, toluene, ethylbenzene and xylene). There are no identified users of groundwater in the vicinity. All the provisions of the PRAP will reduce the potential for human exposure at the site.

Document Repositories: *To review the complete PRAP and other site information:*

Port Jervis Public Library
138 Pike Street
Port Jervis, New York 12771
(845) 856-7313

Hours:

Mon., Tues. & Thurs. 10:00 am - 9:00 pm
Wed. & Fri. 10:00 am - 6:00 pm
Saturday 10:00 am - 5:00 pm

NYSDEC Region 3
21 South Putt Corners Road
New Paltz, New York 12561
(845) 256-3154
Hours: Mon-Fri 8:30 am - 4:45 pm

NYSDEC, Remedial Bureau C
625 Broadway, 11th Floor
Albany, New York 12233-7014
Contact: Joshua Cook
Phone: (518) 402-9564
Hours: Mon-Fri 7:30 am - 3:45 pm

For More Information: *Call or write the following staff for more information about:*

Meeting/Comment Period/ Technical Information:

Joshua Cook
NYSDEC, Remedial Bureau C
625 Broadway, 11th Floor
Albany, New York 12233-7014
Phone: (518) 402-9564
E-mail: jpcook@gw.dec.state.ny.us

Health-Related Information:

Kristin Kulow
NYSDOH
28 Hill Street, Suite 201
Oneonta, New York 13820
Phone: (607) 432-3911
1-800-458-1158

Citizen Participation:

Michael Knipfing
NYSDEC Region 3
21 South Putt Corners Road
New Paltz, New York 12561
Phone: (845) 256-3154

PLEASE NOTE: In the event of severe weather conditions on February 21st, 2007, the meeting will be rescheduled to Wednesday, February 28th, 2007 from 7:00-9:00 PM, at the same venue.

